

## ABSTRACT

The presently claimed invention provides methods, compositions, and apparatus for analyzing nucleic acids isolated from blood. Specifically, the present invention provides a method of analyzing blood samples by blocking amplification of selected unwanted RNAs and 5 subsequently analyzing the amplified sample by hybridization to a plurality of probes attached to a solid support. In one embodiment, the invention provides enriching for a population of interest in a complex population by diminishing the presence of an unwanted sequence that may interfere with the analysis of sequences of interest.